

IN THE CLAIMS:

Please cancel claim 8, and amend the claims as follows:

1. (Currently Amended) A reaction system for producing a polymer comprising:

a) a polyisocyanate composition selected from the group consisting of 4,4'-diphenylmethane diisocyanate ("MDI"), 2,4'-MDI, polymeric MDI, MDI variants, and mixtures thereof;

b) ~~a polyfunctional isocyanate-reactive composition~~ a polyether polyol and a cross-linking agent different from the polyether polyol;

c) an internal mold release composition, said internal mold release composition containing:

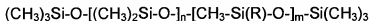
i) a fatty polyester, and

ii) a fatty acid which is different from the fatty polyester;

d) a poly(dimethylsiloxane)-polyoxyethylene surfactant; and optionally

e) a catalyst suitable for promoting a polymer-forming reaction between the polyisocyanate composition and the polyether polyol and the cross-linking agent ~~polyfunctional-isocyanate-reactive composition;~~

wherein the polyisocyanate composition and the polyether polyol and the cross-linking agent ~~polyfunctional-isocyanate-reactive composition~~ are present in proportions suitable for the formation of $[[a]]$ the polymer, the poly(dimethylsiloxane)-polyoxyethylene surfactant is present in the reaction system in an amount such that the poly(dimethylsiloxane)-polyoxyethylene surfactant contributes at least 0.0058 moles of EO per 100g of the polymer derived from the reaction system, and the poly(dimethylsiloxane)-polyoxyethylene surfactant has the following formula:



wherein,

$\text{R} = -(\text{CH}_2)_3-\text{O}-[\text{EO}]_x-\text{R}'$;

R' is H; C_1 to C_{20} alkyl; or C_6 to C_{25} aryl;

x is a number from greater than 1 up to 24;

m is a number from 1 to 25; and
n is a number from 0 to 100.

2. Cancelled.

3. (Previously Presented) The reaction system of claim 1 wherein the fatty polyester comprises a reaction product of:

- (i) an aliphatic dicarboxylic acid;
- (ii) an aliphatic polyol; and
- (iii) a fatty monocarboxylic acid,

wherein the fatty monocarboxylic acid has from 12 to 30 carbon atoms.

4. (Original) The reaction system of claim 3 wherein the fatty polyester comprises a reaction product of adipic acid, pentaerythritol, and oleic acid.

5. (Original) The reaction system of claim 1 wherein the fatty acid is an aliphatic carboxylic acid having eight or more carbon atoms.

6. (Original) The reaction system of claim 1 wherein the fatty acid comprises at least one member selected from the group consisting of oleic acid and linoleic acid.

7. (Original) The reaction system of claim 1 wherein the catalyst comprises a tertiary amine catalyst.

8. Cancelled.

9. (Previously Presented) The reaction system of claim 1 wherein x is 7, m is 11, and n is 47.

10. (Previously Presented) The reaction system of claim 1 wherein R' is selected from the group consisting of H and CH₃.

11. (Previously Presented) The reaction system of claim 1 wherein R' is H.
12. (Previously Presented) The reaction system of claim 1 wherein n is greater than 0.
13. (Original) The reaction system of claim 9 wherein R' is selected from the group consisting of H and CH₃.
14. (Original) The reaction system of claim 13 wherein R' is H.
15. (Original) A fiber reinforced polymeric molding produced from the reaction system of claim 1.
16. (Original) A mat reinforced polymeric molding produced from the reaction system of claim 1.
17. (Previously Presented) The reaction system of claim 1 wherein the poly(dimethylsiloxane)-polyoxyethylene surfactant contributes more than 0.006 moles of EO per 100g of the polymer derived from the reaction system.
18. (Currently Amended) The reaction system of claim 1 including, without cleaning or recoating a mold surface with an external release agent, the reaction system enables allows more than 200 releases of consecutive molded parts.
19. (Previously Presented) The reaction system of claim 1 wherein, the poly(dimethylsiloxane)-polyoxyethylene surfactant is the only surfactant in said system.
20. (Previously Presented) The reaction system of claim 1 wherein the reaction system is free from a poly(dimethylsiloxane)-polyoxyethylene surfactant that also contains polyoxypropylene.

Please add the following new claim:

21. (New) The reaction system of claim 1, wherein the cross-linking agent is selected from the group consisting of glycerol, oxyalkylated glycerol, pentaerythritol, sucrose, trimethylolpropane, sorbitol, oxypropylated sucrose, and oxyalkylated polyamines.